

## NOTICES OF NEW CHITONS, II.

BY H. A. PILSBRY.

*Chiton Coxi*, n. sp.

Shell oblong, much elevated, carinated; delicate bluish mottled or blotched with olive-brown, yellow and white; girdle delicate blue-green, with narrow white bars. Sculpture as in *Ch. jugosus* Gld., but grooves of the pleura shorter, straighter, narrower, and more spaced. Girdle-scales convex, shining, microscopically and superficially striated, each measuring about .30 mm. wide. Length 13, breadth  $7\frac{1}{2}$  mm.; divergence, 90 to 110°.

Port Jackson (Dr. J. C. Cox!)

This is probably the *Lophyrus jugosus* of Angas' Port Jackson Catalogue, P. Z. S. 1867. It differs from Goulds' species in the totally diverse color-pattern, etc.

*Acanthochites granostriatus* n. sp.

Elongated, the tegmentum occupying about one third the total width in dry specimens. Valves obtusely keeled, the dorsal ridge indistinctly clouded with whitish, orange and blackish; side mottled in varied patterns with olive and white. Girdle olive, the 18 tufts silvery stained with blue or dirty olive.

Valves distinctly imbricating; the dorsal areas rather wide, convex, distinct but not raised at the edges, having numerous rather weak longitudinal striæ. Side areas having elevated pustules arranged radially and connected by opaque lines giving the aspect of radial striæ. Tegmentum of post. v. subcircular, the mucro rather acute and elevated, at the posterior third. Length 9, breadth  $3\frac{1}{2}$  mm. Port Jackson and Port Hacking, N. S. Wales (Dr. J. C. Cox!)

*Acanthochites Coxi*, n. sp.

Valves grayish, somewhat mottled with olive and fleshy, the dorsal areas dark red or marked with olivaceous. Girdle olivaceous. Valves nearly disconnected by spiculose bridges of girdle tissue at the sutures. Dorsal areas longitudinally striate; sides sculptured with convex pustules elongated radially. Tegmentum of posterior valve subcircular, slightly wider than long, the rather elevated, acute mucro slightly behind the middle. Interior rose colored.

Girdle densely clothed with short, hyaline spicules, the tufts represented by inconspicuous clumps of slightly longer spines. Length 23, breadth 13 mm.

Port Jackson, N. S. Wales, (Dr. J. C. Cox !)

*Acanthochites Matthewsii* Bednall & Pilsbry.

Much elongated, keeled, flesh-tinted with several olivaceous forward-converging zigzag bands on each valve. Posterior margins of valves i-vii concave, beaks small. Dorsal areas narrow, rounded, with very fine, indistinct striæ; side areas having an indistinct diagonal riblet; *pleura longitudinally ribbed*, lateral areas obliquely ribbed, the ribs more or less cut into granules. Tegmentum of post. v. short-ovate, slightly longer than wide, its front half ribbed, posterior half granulated. *Mucro* between the posterior third and fourth of the length of tegmentum, *strongly hooked backward, the slope behind it very concave*. Girdle narrow, tufts inconspicuous. Length, 26, breadth, 8 mm.

South Australia. Collected by Mr. E. H. Matthews. The sculpture is totally unlike that of any other known *Acanthochites*.

Illustrations of the above species will be given later.

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#### GENERAL NOTES.

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The death of DR. PAUL FISCHER of Paris has been announced.

MR. C. W. JOHNSON will spend the latter part of January in Cambridge, studying types of Diptera and Mollusca in the Museum of Comparative Zoology.

MR. E. W. ROPER of Revere, Mass., has sailed for Jamaica where he purposes spending some time.

MR. A. W. HANHAM, formerly of Quebec, is now permanently located at Winnipeg. His address is "The Bank of British North America, Winnipeg, Manitoba, Canada."